MULTIPOINT AND ONE POINT BACK PRESSURE TEST FOR GAS WELL

Type Test			Test Date	
[X] Initial	[ ] Annual	[ ] Special	5/25/90	

Company	Connection	
MERIDIAN OIL INC.		

Pool	Formation	Unit
BLANCO	MESA VERDE	

Completion Date	Total Depth	Plug Back TD	Elevation	Farm or Lease Name
5/17/90	5610'	5591'	6150' GL	HOWELL L

Csg. Size	Wt.	d	Set At	Perforations	Well No.
4.5	10.5#	4.052	5609'	From To	#4R

Tbg. Size	Wt.	d	Set At	Perforations	Unit	Sec.	Twp.	Rge.
2.375	4.7#	1.995	5423'	From 4452' To 5480'	P G	34	[redacted]	[redacted]

Type Well – Single – Bradenhead – G.G. or G.O. Multiple	Packer Set At	County
SINGLE		SAN JUAN

Producing Thru	Reservoir Temp. °F	Mean Annual Temp. °F	Baro. Press. – P_a	State
TUBING			12.2	NEW MEXICO

L	H	Gg	% CO_2	% N_2	% H_2S	Prover	Meter Run	Taps
		.700						

NO.	FLOW DATA: Prover Line Size	X	Orifice Size	Press. p.s.i.g.	Diff. h_w	Temp. °F	TUBING DATA: Press. p.s.i.g.	Temp. °F	CASING DATA: Press. p.s.i.g.	Temp. °F	Duration of Flow
SI	2"		.750				311		430		
1.							161		411		1 HR.
2.							161		400		2 HRS.
3.							158		397		3 HRS.
4.											
5.											

RATE OF FLOW CALCULATIONS

NO.	Coefficient (24 Hour)	$\sqrt{h_w P_m}$	Pressure P_m	Flow Temp. Factor Ft.	Gravity Factor Fg	Super Compress. Factor, Fpv	Rate of Flow Q, Mcfd
1	12.365		170.2	1.0000	.9258	1.0000	1948
2.							
3.							
4.							
5.							

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MAY 31 1990
OIL CON. DIV.
DIST. 3

NO.	P_t	Temp. °R	T_f	Z
1.				
2.				
3.				
4.				
5				

Mcf/bbl. Liquid Hydrocarbon Ratio
A.P.I. Gravity of Liquid Hydrocarbons — Deg.
Specific Gravity Separator Gas — XXXXXXXXX
Specific Gravity Flowing Fluid — XXXXX
Critical Pressure — P.S.I.A. — P.S.I.A.
Critical Temperature — R — R

P_c 442.2 P_c^2 195541

NO	P_t	P_w	P_w^2	$P_c^2 - P_w^2$
1		409.2	167445	28096
2				
3				
4				
5				

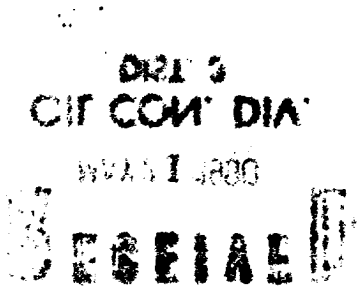
(1) $\frac{P_c^2}{P_c^2 - P_w^2} = 6.9597$ (2) $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 4.2849$

AOF = Q $\left[\frac{P_c^2}{P_c^2 - P_w^2}\right]^n = 8347$

Absolute Open Flow ____ Mcfd @ 15.025 | Angle of Slope ____ | Slope, n .75

Remarks: LIGHT MIST THROUGH OUT TEST

Approved By Division	Conducted By:	Calculated By:	Checked By:
	Dein Chappell	Clifford Black	Barrie Chandler


SPECIAL